



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Maxim Industries, Inc.
1630 Terre Colony Court
Dallas, TX 75212

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model DCM Curb Mount & DSF Self-Flashing Aluminum Skylights

APPROVAL DOCUMENT: Drawing No. MAX0003, titled "Curb Mounted and Self Flashing Skylights", prepared by Maxim Industries, Inc, sheets 1 through 5 of 5, dated 12/03/2013, with revision B dated 07/09/2015, signed and sealed by Robert J. Amoruso, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 14-0318.01 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
08/31/2015

NOA No. 15-0715.08
Expiration Date: February 20, 2019
Approval Date: September 10, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **MAX0003**, titled "Curb Mounted and Self Flashing Skylights", prepared by Maxim Industries, Inc, sheets 1 through 5 of 5, dated 12/03/2013, with revision B dated 07/09/2015, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS "Submitted under NOA # 14-0318.01"

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation of Self Flashing and Curb Mount Plastic Glazed Unit Skylights, prepared by Architectural Testing, Inc., Test Report No. **D1032.01-801-18**, dated 10/02/2013, and revision 1 dated 02/24/2014, signed and sealed by Vinu J. Abraham, P.E.

"Submitted under NOA # 13-1217.24"

2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation of Self Flashing and Curb Mount Plastic Glazed Unit Skylights, prepared by Architectural Testing, Inc, Test Report No. **D1032.01-801-18**, dated 10/02/2013, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS "Submitted under NOA # 13-1217.24"

1. Anchor calculations for substrate installation prepared by PTC Product Design Group, LLC, dated 12/03/2013, signed and sealed by Robert J. Amoruso, P.E.

D. QUALITY ASSURANCE


1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of acceptance No. **12-0605.05** issued to Bayer MaterialScience LLC (MA), for their Makrolon Polycarbonate Sheets, approved on 12/06/2012 and expiring on 08/27/2017.
2. Notice of acceptance No. **12-0110.04** issued to Palram Americas, Inc, for their Corrugated and Flat Polycarbonate Panels, approved on 02/23/2012 and expiring on 01/22/2016.

F. STATEMENTS

1. Statement letter of code conformance to the 5th edition (2014) FBC and of no financial interest issued by PTC Product Design Group, LLC, dated 07/09/2015, signed and sealed by Robert J. Amoruso, P.E.

 08/31/2015

Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 15-0715.08

Expiration Date: February 20, 2019

Approval Date: September 10, 2015

MAXIM INDUSTRIES, INC.

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC). THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT ATI D1032.01-801-18 AND ASSOCIATED LABORATORY DRAWINGS.
2. ADEQUACY OF THE EXISTING STRUCTURAL FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
3. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
4. MATERIALS:
 - 4.1. SKYLIGHT FRAME MATERIAL: 6063-T5 EXTRUDED ALUMINUM.
 - 4.2. SKYLIGHT INNER AND OUTER DOME MATERIAL: BAYER MATERIALSCIENCE MAKROLON POLYCARBONATE (NOA 12-0605.05) OR PALRAM AMERICAS POLYCARBONATE (NOA 12-0110.04)
5. DESIGNATION "O" STANDS FOR THE A FIXED PANEL
6. IN ACCORDANCE WITH THE CURRENT EDITION OF THE FBC, WOOD BUCKING SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM WINDOW FRAMING SHALL HAVE BEEN PROTECTED IN A MANNER TO PREVENT CORROSION. FASTENERS SHALL BE MADE OF A CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING CONSISTENT WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION DETAILED.
2. THE MINIMUM NUMBER OF INSTALLATION ANCHORS ARE BASED ON THE FOLLOWING:
 - 2.1. AS REQUIRED ON SHEET 3 (CURB MOUNT) AND SHEET 5 (SELF-FLASHING) BASED ON CORNER END DISTANCE AND ON CENTER SPACING.
 - 2.2. MINIMUM OF ONE FASTENER PER SIDE AND MINIMUM FOUR FASTENERS PER SKYLIGHT ARE REQUIRED BASED ON SKYLIGHT SIZES SMALLER THAN TESTED AND SHOWN ON SHEETS 2 AND 4.
3. FOR INSTALLATION OF SELF-FLASHING SKYLIGHT ONTO WOOD ROOF DECK, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
4. FOR INSTALLATION OF CURB MOUNT SKYLIGHT ONTO WOOD CURB, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
5. FOR INSTALLATION OF CURB MOUNT SKYLIGHT CURB ONTO WOOD ROOF DECK, USE 12D (0.148" MIN. SHANK DIAMETER) BOX OR COMMON NAILS OR #6 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 2 1/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 5/16 INCH.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
7. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON WOOD SUBSTRATE MATERIALS WITH MINIMUM SPECIFIC GRAVITY OF 0.55.
8. TOE-NAILING OF CURB MOUNT SKYLIGHT CURB ONTO WOOD ROOF DECK (NOTE 5 ABOVE) SHALL MEET THE FOLLOWING REQUIREMENTS FROM THE 2005 NDS FOR WOOD CONSTRUCTION.
 - 8.1. LENGTH (L) AS REQUIRED TO MEET P, Ls AND Lm REQUIREMENTS.
 - 8.2. MIN. EMBEDMENT (P) IS 2.13" FOR BOX NAILS AND 1.60" FOR COMMON NAILS WITH 0.148" DIAMETER.
 - 8.3. MIN. Ls IS 1.33" FOR BOX NAILS AND 1.0" FOR COMMON NAILS WITH 0.148" SHANK DIAMETER.
 - 8.4. MIN. Lm IS 2.13" FOR BOX NAILS AND 1.6" FOR COMMON NAILS WITH 0.148" SHANK DIAMETER.

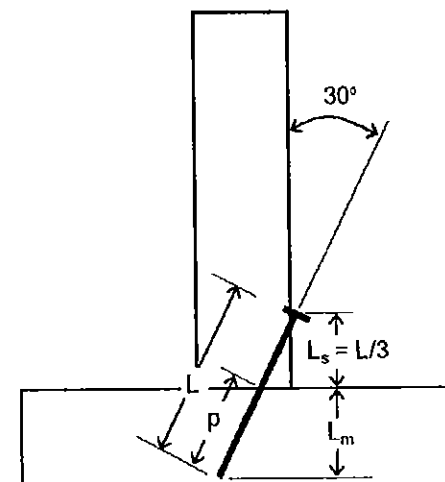




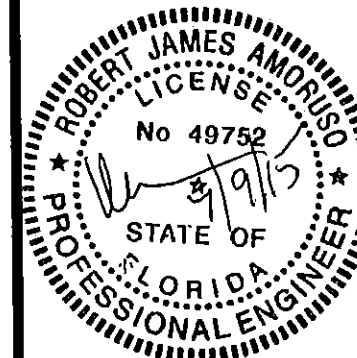
TABLE OF CONTENTS	
SHEET	DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	DCM CURB MOUNT - ELEVATION
3	DCM CURB MOUNT - SECTIONS
4	DSF SELF-FLASHING - ELEVATION
5	DSF SELF-FLASHING - SECTIONS

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+40.0-75.0	LARGE and SMALL MISSILE IMPACT

MAXIM INDUSTRIES, INC 1630 TERRE COLONY COURT DALLAS, TX 75212		PROJECT #415-0704	
TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS GENERAL AND INSTALLATION NOTES			
PREPARED BY:	DRAWN BY: RJA	DATE: 12/03/13	RJA
	SCALE: N.T.S.	DRAWING NO: MAX0003	RJA
FPC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752	REV: B	SHEET: 1 OF 5	REV: A REVISED DOME SEALANT PER REVISED TEST REPORT
Phone: 321.680.1788 Fax: 321.680.1789			DATE: 2/26/14
			DESCRIPTION:
			DATE:
			BY:

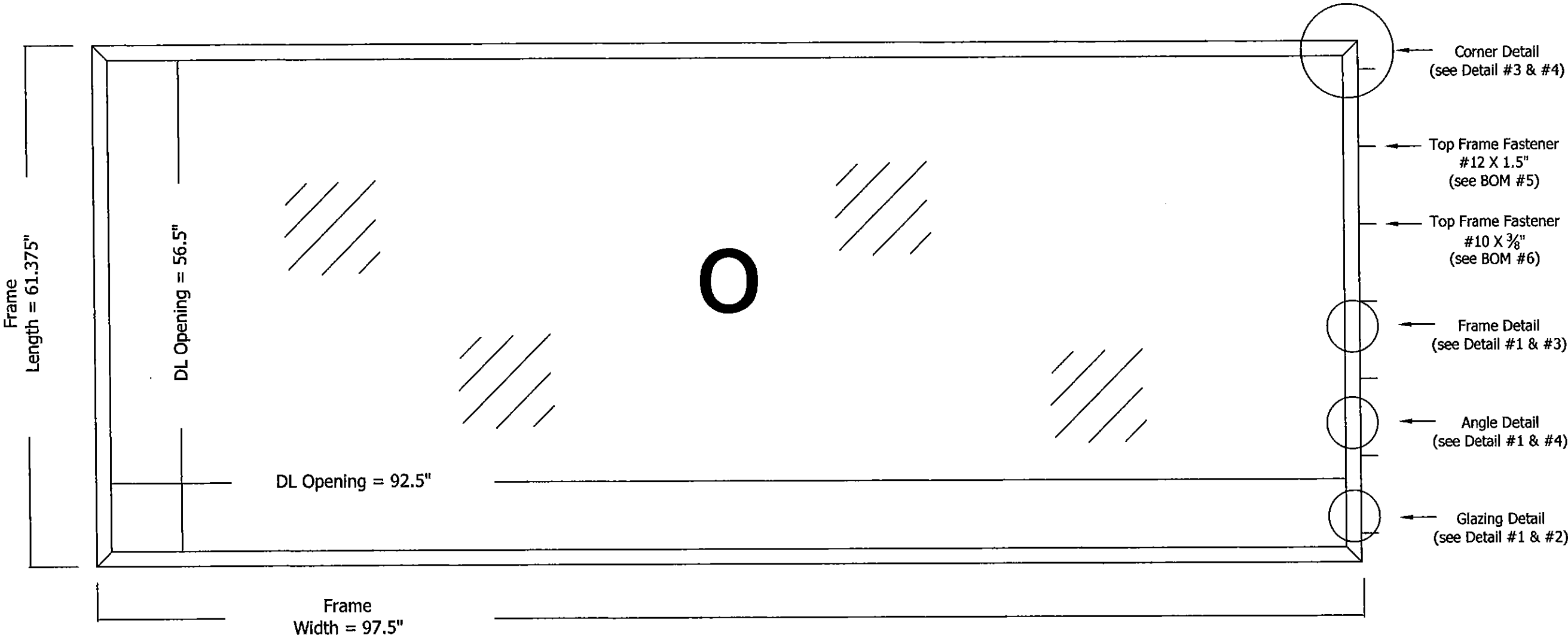
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0715-08
Expiration Date: 02/20/2019
By: 
Miami Dade Product Control

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



DCM CURB MOUNT - ELEVATION

DESIGN PRESSURE = +40psf / -75psf



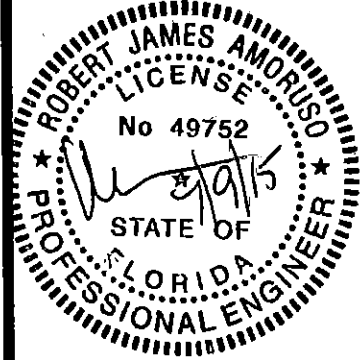
- Notes:
- 1. This skylight is designed to comply with all wind zones, including the HVHZ, of the Florida Building Code.
 - 2. This skylight meets small & large missile impact resistance (TAS-201/TAS-203) and no other protection is required.
 - 3. All framing and roof deck is by others and must comply with the Florida Building Code.
 - 4. All sizes equal to or less than the test size total square footage are to be accepted under this NOA.
 - 5. Fasteners used to attach skylight to wood curb are to be minimum #12 stainless steel wood screws with minimum embedment of 1.375"

- Bill of Materials:
- 1. 6063-T5 Extruded Aluminum Frame mitered and welded at four corners. Manufacturer: AFCO Part #4950
 - 2. 6063-T5 Extruded Aluminum Angle mitered and welded at four corners. Manufacturer: AFCO Part #4843
 - 3. Dow Corning 795 Silicone Building Sealant located between aluminum angle & glazing (glass bite)
 - 4. 0.125" UV Enhanced polycarbonate domes. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test specimen = 10" outer dome & 7" inner dome. Manufacturer: Bayer MaterialScience LLC (MA) or PalRam Americas
 - 5. #12 x 1" Stainless Steel Tapping Screw with neoprene gasket. Fasteners located 12" from each corner, maximum 12" on center. Minimum one fastener per side and minimum four fasteners per skylight.
 - 6. #10 X 0.375" Stainless Steel fasteners 4" from each corner, maximum 12" on center.
 - 7. Schnee-Morehead SM5127 0.6250" X 0.125" Sealant tape.

PROJECT #415-0704					
MAXIM INDUSTRIES, INC 1630 TERRE COLONY COURT DALLAS, TX 75212		DATE: 12/03/13	DRAWING NO: MAX0003	SHEET: 2 OF 5	REV: B
TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS DCM CURB MOUNT - ELEVATION		DRAWN BY: RJA	SCALE: N.T.S.	REV: B	BY: RJA
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 PHONE: 321.690.1788 FAX: 321.690.1739 EMAIL: info@ptc-corp.com		DATE: 7/9/15	REVISED DOME SEALANT PER REVISED TEST REPORT	DATE: 2/26/14	BY: RJA
		DESCRIPTION	REV	DATE	BY

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0715-08
Expiration Date 02/20/2019
By: [Signature]
Miami Trade Product Control

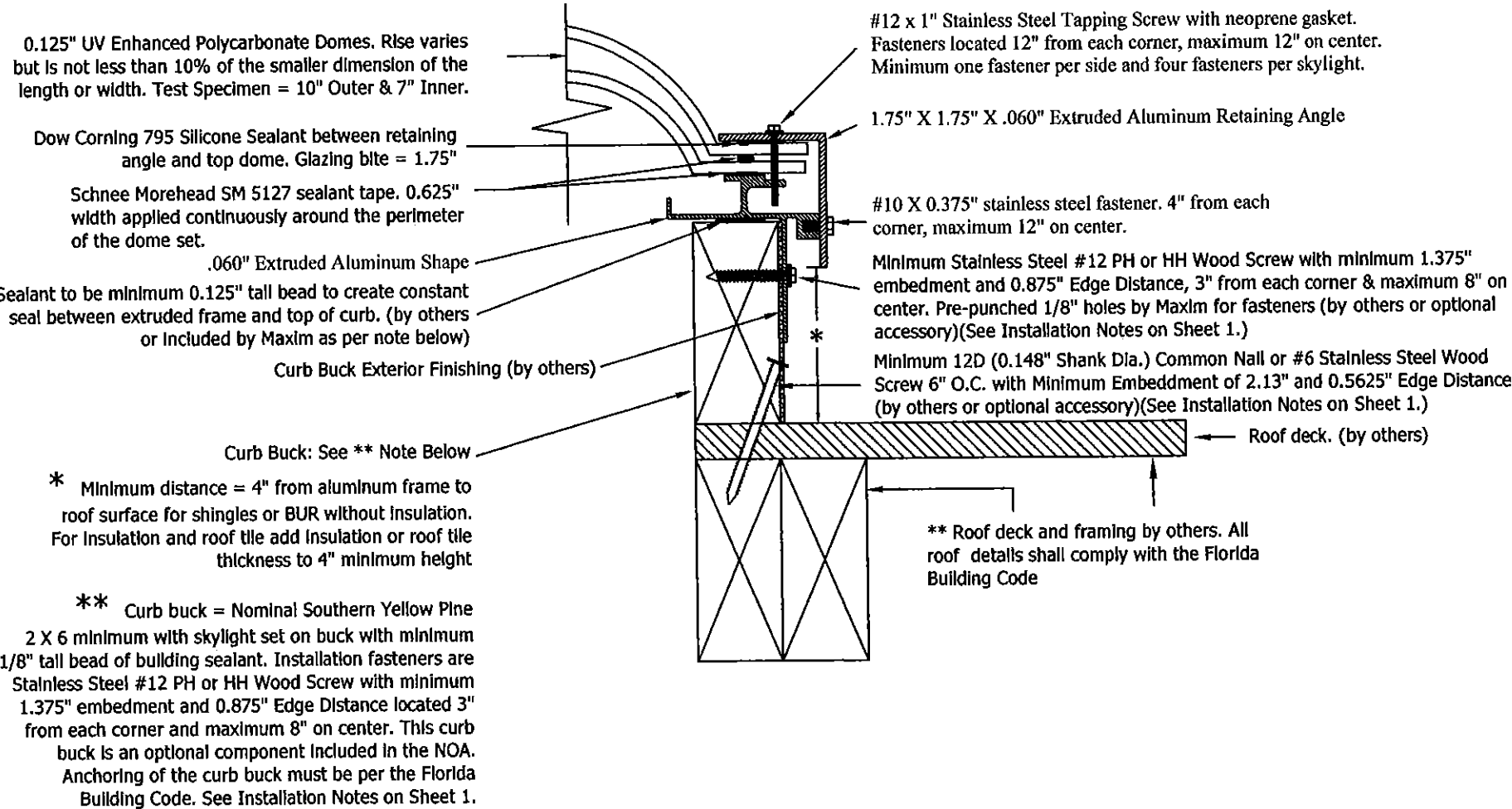
Robert J. Amoroso, P.E.
Florida P.E. No. 49752



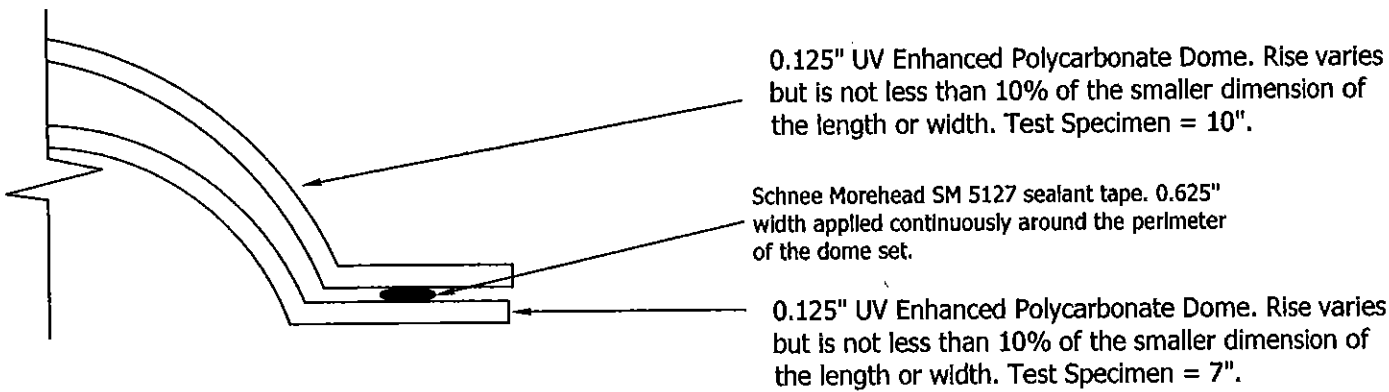
DCM CURB MOUNT - SECTIONS

DESIGN PRESSURE = +40psf / -75psf

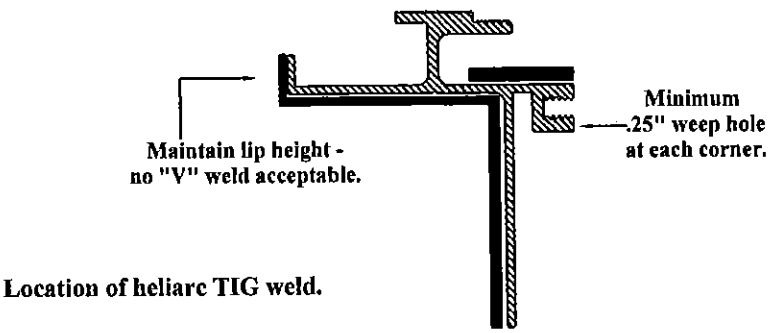
Detail #1:
Frame, Angle & Glazing Section Detail



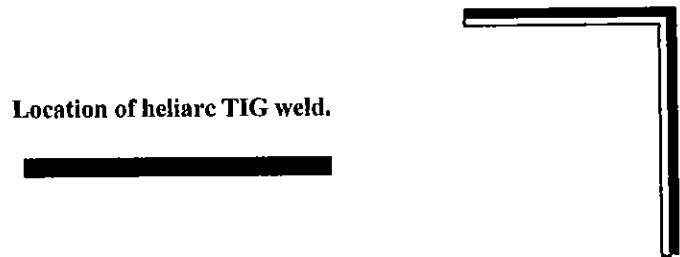
Detail #2
Glazing Detail



Detail #3
Aluminum Shape Weld Detail
AFCO Part #AF-4950



Detail #4
Aluminum Angle Corner Weld Detail
AFCO Part #AF-4843



PROJECT #415-0704

MAXIM INDUSTRIES, INC
1630 TERRE COLONY COURT
DALLAS, TX 75212

TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS
DCM CURB MOUNT - SECTIONS

PREPARED BY: RJA

SCALE: N.T.S.

DATE: 12/03/13

DRAWING NO: MAX0003

REV: B

SHEET: 3 OF 5

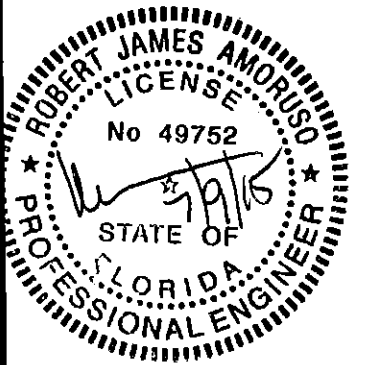
DESCRIPTION

DATE

BY

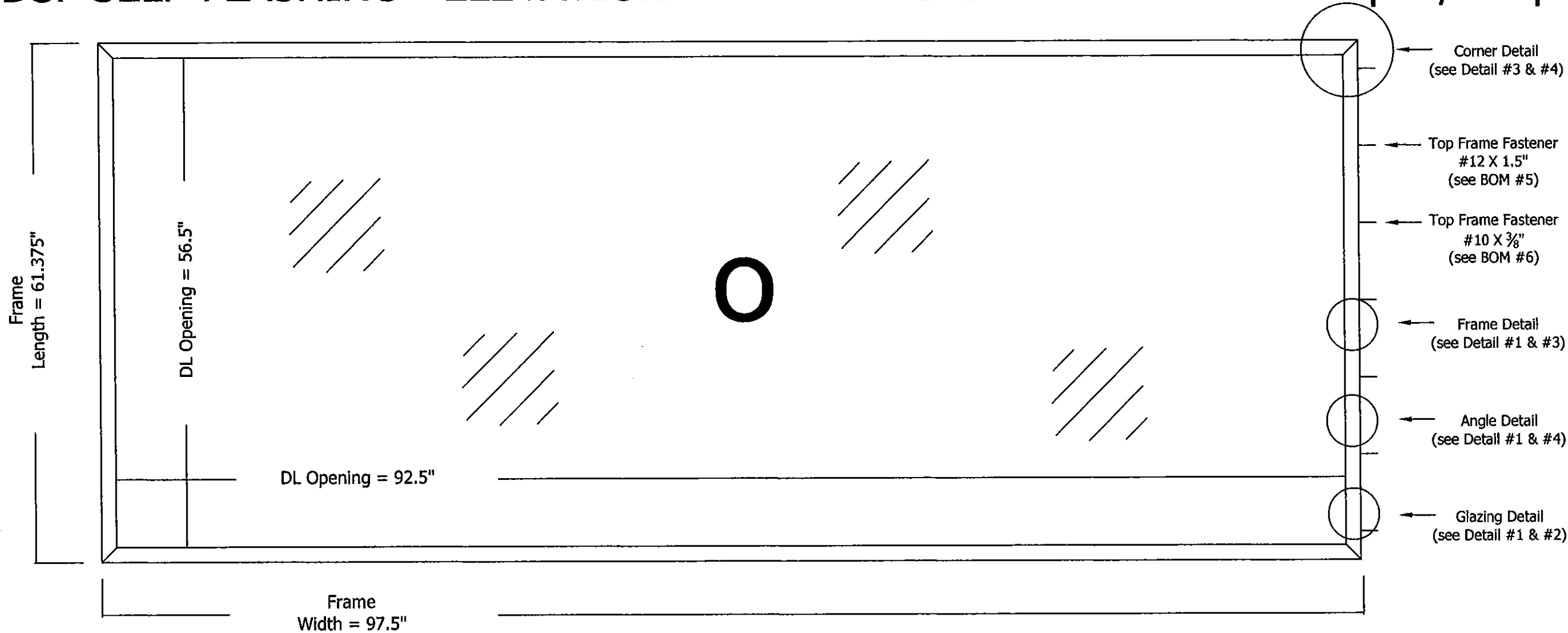
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0715-08
Expiration Date 12/20/2019
By *[Signature]*
Miami Data Product Control

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



DSF SELF-FLASHING - ELEVATION

DESIGN PRESSURE = +40psf / -75psf



- Notes:
1. This skylight is designed to comply with all wind zones, including the HVHZ, of the Florida Building Code.
 2. This skylight meets small & large missile impact resistance (TAS-201/TAS-203) and no other protection is required.
 3. All framing and roof deck is by others and must comply with the Florida Building Code.
 4. All sizes equal to or less than the test size total square footage are to be accepted under this NOA.
 5. Fasteners used to attach skylight to the existing roof structure are to be minimum #12 stainless steel wood screws with minimum embedment of 1.375"

- Bill of Materials:
1. 6063-T5 Extruded Aluminum Frame mitered and welded at four corners. Manufacturer: AFco Part #4951
 2. 6063-T5 Extruded Aluminum Angle mitered and welded at four corners. Manufacturer: AFco Part #4843
 3. Dow Corning 795 Silicone Building Sealant located between aluminum angle & glazing (glass bite)
 4. 0.125" UV Enhanced polycarbonate domes. Rise varies but is not less than 10% of the smaller dimension of the length or width. Test specimen = 10" outer dome & 7" inner dome. Manufacturer: Bayer MaterialScience LLC (MA) or PalRam Americas
 5. #12 x 1" Stainless Steel Tapping Screw with neoprene gasket. Fasteners located 12" from each corner, maximum 12" on center. Minimum one fastener per side and minimum four fasteners per skylight.
 6. #10 X 0.375" Stainless Steel fasteners 4" from each corner, maximum 12" on center.
 7. Schnee-Morehead SM5127 0.6250" X 0.125" Sealant tape.

PROJECT #415-0704

MAXIM INDUSTRIES, INC
1630 TERRE COLONY COURT
DALLAS, TX 75212
TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS
DSF SELF-FLASHING - ELEVATION

DRAWN BY: RJA
SCALE: N.T.S.
REV: B

DATE: 12/03/13
DRAWING NO: MAX0003
SHEET: 4 OF 5

REV: A
DESCRIPTION: REVISED DOME SEALANT PER REVISED TEST REPORT
DATE: 2/28/14
BY: RJA

REV: B
DESCRIPTION: UPDATED TO THE 5TH EDITION (2014) FBC
DATE: 7/9/15
BY: RJA

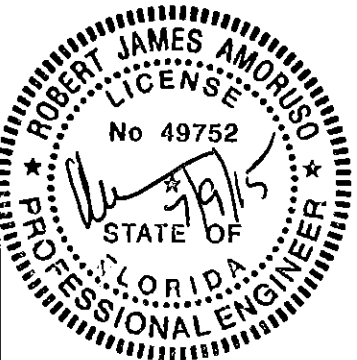
REV: C
DESCRIPTION: REVISED DOME SEALANT PER REVISED TEST REPORT
DATE: 2/28/14
BY: RJA

REV: D
DESCRIPTION: REVISED DOME SEALANT PER REVISED TEST REPORT
DATE: 2/28/14
BY: RJA

REV: E
DESCRIPTION: REVISED DOME SEALANT PER REVISED TEST REPORT
DATE: 2/28/14
BY: RJA

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-9715-08
Expiration Date 02/20/2019
By [Signature]
Miami Dade Product Control

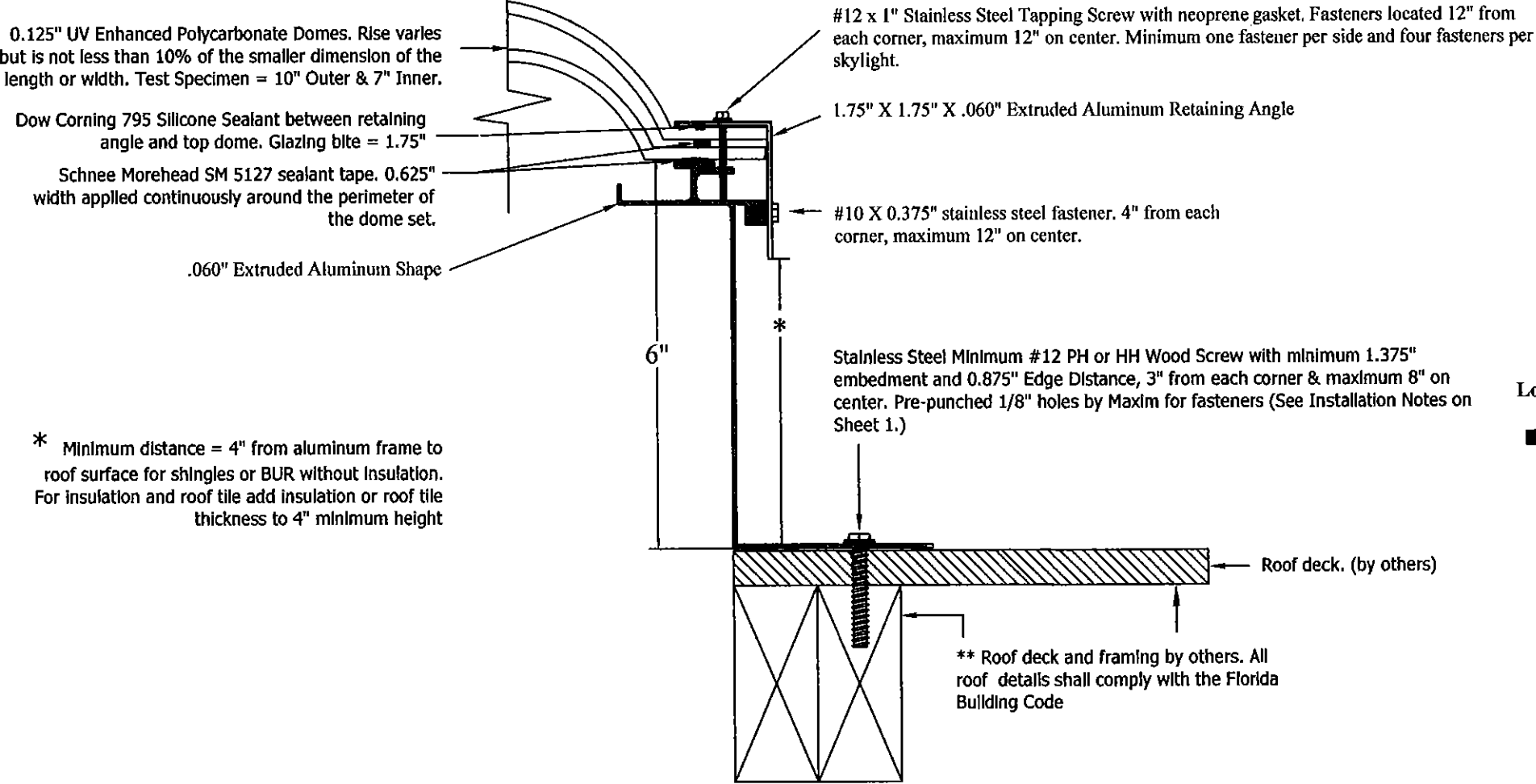
Robert J. Amoroso, P.E.
Florida P.E. No. 49752



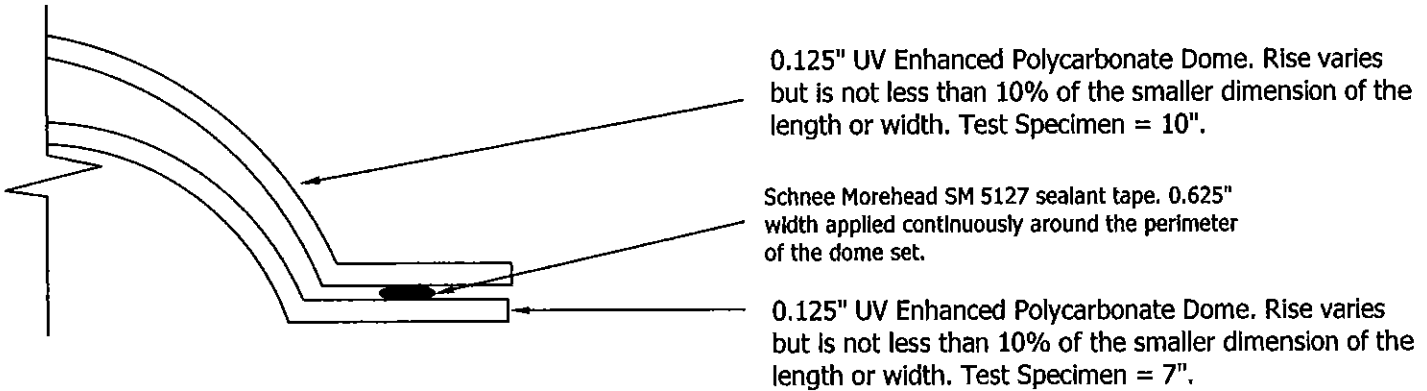
DSF SELF-FLASHING - SECTIONS

DESIGN PRESSURE = +40psf / -75psf

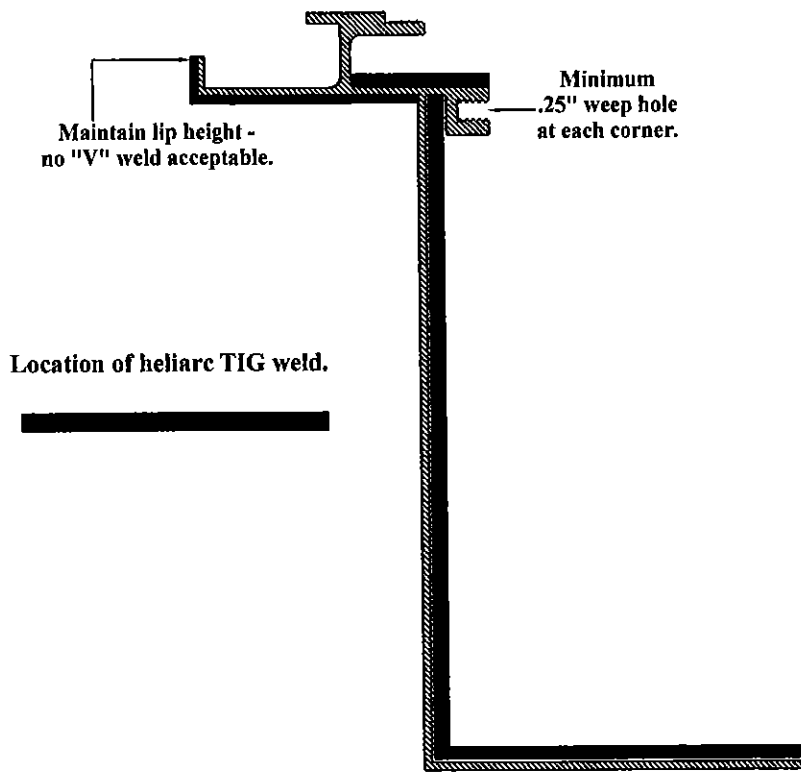
Detail #1:
Frame, Angle & Glazing Section Detail



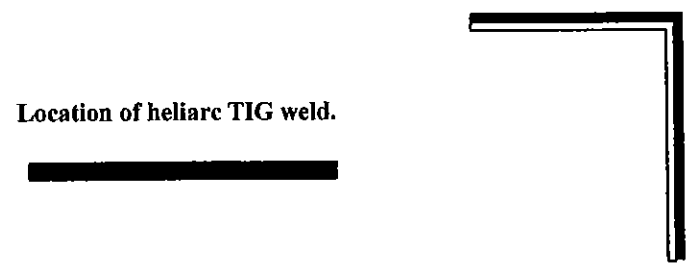
Detail #2
Glazing Detail



Detail #3
Aluminum Shape Weld Detail
AFCO Part #4951




Detail #4
Aluminum Angle Corner Weld Detail
AFCO Part #4843



PROJECT #415-0704					
B	UPDATED TO THE 5TH EDITION (2014) FBC	7/9/15	RJA		
A	REVISED DOME SEALANT PER REVISED TEST REPORT	2/26/14	RJA		
REV	DESCRIPTION	DATE	BY		

MAXIM INDUSTRIES, INC 1630 TERRE COLONY COURT DALLAS, TX 75212			TITLE: CURB MOUNTED AND SELF FLASHING SKYLIGHTS DSF SELF-FLASHING - SECTIONS		
DRAWN BY:	RJA	DATE:	12/03/13		
SCALE:	N.T.S.	DRAWING NO:	MAX0003		
REV:	B	SHEET:	5 OF 5		

		PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 25835	
		Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-usa.com	

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